# Pet Owner Guide to Vaccinations for Dogs



## DAPP (aka Canine "Distemper" vaccine):

This vaccine, often referred to as the "Distemper" vaccine, actually refers to a vaccine that offers protection against **FOUR** serious diseases:

**Distemper:** An often fatal virus that attacks the respiratory, gastrointestinal and the nervous system of dogs. Most commonly spread through the air when infected dogs or wildlife cough/sneeze, infected animals can shed the virus for months after exposure.

Adenovirus Type 2: Also known as Infectious Canine Hepatitis, causing respiratory disease in dogs.

Parainfluenza: Highly contagious respiratory virus.

Parvovirus ("Parvo"): Highly contagious and serious disease that affects dogs' gastrointestinal system. Most fatalities from parvovirus occur within 48 to 72 hours following the onset of clinical signs. A highly resilient virus, it can contaminate almost any surface. It is resistant to heat, cold, humidity, and even a trace amount of feces from an infected dog may harbor the virus. Clinical signs include lethargy, vomiting, severe diarrhea, and loss of appetite.

#### **Rabies**

Rabies is an often fatal virus that affects the brain and central nervous system of both people and animals. Rabies is a serious threat found in 49 states, and vaccination is state law. Your dog will receive their first rabies vaccination at 4 months of age. It will need to be boostered again when the pet is around a year old, then every 1 to 3 years.

## Lepto

Leptospirosis is a zoonotic disease (meaning it can be spread from animals to people) caused by a bacteria found worldwide in soil and water.

# Lyme

Transmitted through the bite of infected blacklegged ticks (aka deer tick), Lyme disease can cause serious reoccurring health problems. Lyme disease vaccinations need to be boostered annually.

## Canine Flu (aka Canine Influenza, CIV)

Canine Flu is a highly contagious respiratory disease with symptoms ranging from mild to severe and include coughing, sneezing, nasal/eye discharge, fever, and lethargy. Vaccinations are recommended for "social" dogs and puppies; those who frequent training classes, boarding facilities, grooming facilities, dog shows, dog parks, or other situations where contact with multiple dogs is possible.

#### Bordetella

(aka "kennel cough")

Vaccination is recommended for dogs that frequent "social" settings, such as boarding facilities, dogs parks, groomers, and training classes. Bordetella bronchiseptica causes inflammation of a dog's upper respiratory system leading to coughing and illness.

Both Canine Flu and Bordetella vaccinations require annual boosters.



